

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	54156	test adj tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 12:42
L2	465	test adj tube with flat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 12:47
L3	104	test adj tube with flat with bottom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 12:47
S67	90	382/142.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:19
S68	2	382/142.ccls. and edge with extract\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:19
S69	0	382/142.ccls. and edge with (extract\$4 with detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:20
S70	1	382/142.ccls. and (edge or surface or wall of contour) with (extract\$4 with detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:21

## EAST Search History

S71	39	382/142.ccls. and (edge or surface or wall of contour) with (extract\$4 or detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:24
S72	6	382/142.ccls. and bottle with (top or opening) with side	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:46
S73	8	382/142.ccls. and (bottle or container or tube or cylind\$5) with (top or opening) with side	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:48
S74	0	382/250/223B.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:49
S75	726	250/223B.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:49
S76	63	250/223B.ccls. and (bottle or container or tube or cylind\$5) with (top or opening) with side	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 12:49
S77	116	348/127.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:08

## EAST Search History

S78	9	348/127.ccls. and (bottle or container or tube or cylind\$5) with (top or opening) with side	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:08
S79	1	("4319270").PN.	USPAT; EPO	OR	OFF	2008/02/07 13:44
S80	4360	edge with (detect\$4 or extract\$4) with (bottle or cylind\$5 or tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:48
S81	19	edge with (detect\$4 or extract\$4) with (test near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:49
S82	4	pattern with recognition with (test near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:53
S83	7	pattern with recognition same (test near3 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:54
S84	23	pattern with recognition with (bottle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:54
S85	24	pattern with recognition with (bottle or jar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 13:57

## EAST Search History

S86	340	recognition with (bottle or jar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:01
S87	329	recognition with (bottle )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:02
S88	166	recognition near4 (bottle )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:02
S89	333	recognition near4 (tube )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:17
S90	3	recognition near4 (tube ) and camera with (axial or top or overhead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:18
S91	13	recognition near4 (tube or bottle or container ) and camera with (axial or top or overhead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:19
S92	325	camera with (axial or top or overhead) with (bottle or container)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:22

## EAST Search History

S93	85	camera with (axial or top or overhead) with side with (bottle or container)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:22
S94	24038	(opening or mouth) with (side or wall) with (bottle or container or tube) with (edge or contour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:31
S95	232	(opening or mouth) with (side or wall) with (bottle or container or tube) with (edge or contour) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:32
S96	186	(opening or mouth) with (side or wall) with (bottle or container or tube) with (edge or contour) with (detect\$4 or extract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:33
S97	10	(opening or mouth) with (side or wall) with (bottle or container or tube) with (edge or contour) with (detect\$4 or extract\$4) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:34
S98	12	(opening or mouth) with (side or wall) with (bottle or container or tube) with (edge or contour) same (detect\$4 or extract\$4) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:37
S99	12	recognition with (bottle or container or tube) with (edge or contour) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:38

## EAST Search History

S10 0	96	recognition same (bottle or container or tube) same (edge or contour) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:44
S10 1	31	recognition same (bottle or container or tube) same (edge or contour) same image same (wall or side)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:44
S10 2	49	recognition with (bottle or container or tube) with (edge or contour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:48
S10 3	26	waveform with (extract\$4 or detect\$4) with (edge or contour) with defect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:54
S10 4	3	waveform with (extract\$4 or detect\$4) with (edge or contour) with (dust or powder or bubbles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:55
S10 5	29	waveform with (extract\$4 or detect\$4) with (edge or contour) with (dust or powder or bubbles or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 14:56
S10 6	48	waveform with (extract\$4 or detect\$4) with (edge or contour) same ( defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:01

## EAST Search History

S107	1315	recogniz\$4 with ((side or wall) with (opening or mouth))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:33
S108	135	recogniz\$4 with ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:37
S109	9	recogniz\$4 near5 ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:38
S110	135	recogniz\$4 with ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:39
S111	6	recogniz\$4 with ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)same pattern	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:41
S112	523	(recogniz\$4 or identif\$7 or located or detect\$4 or extract\$4) with ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:42
S113	198	(recogniz\$4 or identif\$7 or located or detect\$4 or extract\$4) with ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)with image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:44

## EAST Search History

S11 4	65	(recogniz\$4 or identif\$7 or detect\$4 or extract\$4) with ((side or wall) with (opening or mouth)) with (bottle or container or tube or cylind\$5)with image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:45
S11 5	481	(recogniz\$4 or identif\$7 or detect\$4 or extract\$4) near4 (side or wall or opening or mouth) with (bottle or container or tube or cylind\$5)with image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 15:47
S11 6	372	(recogniz\$4 or identif\$7 or detect\$4 or extract\$4) near4 (side or wall ) with (bottle or container or tube or cylind\$5)with image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 16:15
S11 7	1647	test adj tube with rack	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:32
S11 8	17	test adj tube with rack with inspect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:32
S11 9	26	test adj tube with rack with conveyor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:35
S12 0	186	test adj tube with conveyor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:39



## EAST Search History

S12 1	1	test adj tube with conveyor same camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:40
S12 2	1	test adj tube same conveyor same camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:40
S12 3	6	test adj tube with conveyor and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:41
S12 4	0	bottle with rack with conveyor with camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:41
S12 5	2	bottle with rack with conveyor same camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:42
S12 6	0	test near2 tube with rack with conveyor same camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:45
S12 7	32	test near2 tube with rack with conveyor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 09:45

## EAST Search History

S12 8	6846	(bottle or container) with (memory or stor\$4) with (side or wall) with (opening or mouth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:11
S12 9	214	(bottle or container) with (memory or stor\$4) with (side or wall) with (opening or mouth)same (compar\$4 or match\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:12
S13 0	4	(bottle or container) with (memory ) with (side or wall) with (opening or mouth)same (compar\$4 or match\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:13
S13 1	79	(bottle or container) with (memory ) with (side or wall) with (opening or mouth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:14
S13 2	5	(bottle or container) with (memory ) with (side or wall) with (opening or mouth)with (image or pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:15
S13 3	9	(bottle or container or tube) with (memory ) with (side or wall) with (opening or mouth)with (image or pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:16
S13 4	60810	test near2 tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:16

## EAST Search History

S13 5	2065	test near2 tube with type	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:16
S13 6	6	test near2 tube with type with memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:17
S13 7	7	test near2 tube with memory with (pattern or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:17
S13 8	115	bottle with memory with (pattern or image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:18
S13 9	13	bottle with memory with (pattern or image)same defect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:26
S14 0	3	bottle with memory with (pattern or image)with reference with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:31
S14 1	4	bottle with memory with (pattern or image)with (reference or library or standard) with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:33

## EAST Search History

S14 2	18	(bottle or container) with memory with (pattern or image)with (reference or library or standard) with compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:44
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